

## The Global Change Explorer

Phil Morefield

US EPA Office of Research and Development

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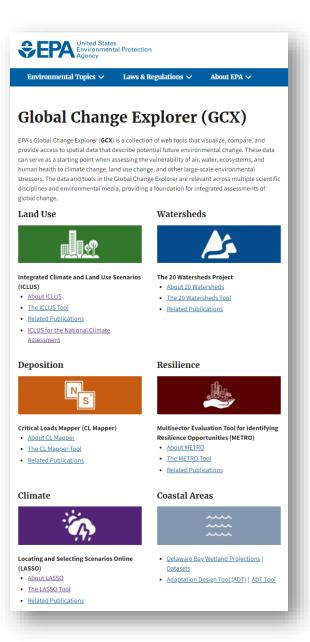


## **Global Change Explorer**

**EPA's Global Change Explorer (GCX)** is a collection of web-based tools that:

- Describe and visualize scenarios of future environmental change
- Provide access to underlying spatial data
- Facilitate adaptation and resilience planning

https://www.epa.gov/gcx





### Global Change Explorer (cont'd): Impacts & Hazards

Name	Topics	Mapping tool	Download data	Data coverage
Integrated Climate and Land-Use Scenarios (ICLUS)	<ul><li>Population</li><li>Land use</li><li>Impervious surface</li><li>Climate change</li></ul>	Yes	Yes	Contiguous US
20 Watersheds	<ul><li>Water quality</li><li>Climate change</li></ul>	Yes	Yes	Contiguous US (partial)
Critical Loads Mapper (CL Mapper)	<ul><li>Atmospheric deposition</li><li>Critical loads</li><li>Ecosystem impacts</li><li>Climate change</li></ul>	Yes	Yes	Contiguous US
Locate and Select Scenarios Online (LASSO)	Climate change	No	Yes	Contiguous US



# Global Change Explorer (cont'd): Adaptation & Resilience

Name	Purpose/Topic area	Mapping tool/ Download data	Format
Multisector Evaluation Tool for identifying Resilience Opportunities (METRO)	<ul><li>Assess resilience</li><li>Metro/urban areas</li></ul>	No	Online tool (password protected)
Adaptation Design Tool (ADT)	<ul><li>Adaptation planning</li><li>Natural resources</li></ul>	No	Downloadable worksheets



### **Contact**

#### **Phil Morefield**

Geographer

Center for Public Health and Environmental Assessment Office of Research and Development

morefield.philip@epa.gov

202-564-7549

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## **Contact**

Name	Contact		
Integrated Climate and Land-Use Scenarios (ICLUS)	morefield.philip@epa.gov		
20 Watersheds	johnson.thomas@epa.gov		
Critical Loads Mapper (CL Mapper)	clark.christopher@epa.gov		
Locate and Select Scenarios Online (LASSO)	morefield.philip@epa.gov		
Multisector Evaluation Tool for identifying Resilience Opportunities (METRO)	julius.susan@epa.gov		
Adaptation Design Tool (ADT)	west.jordan@epa.gov		